

ABSTRACT

A piezoelectric transformer driving apparatus and a piezoelectric transformer driving method, wherein even if there exists a variation between piezoelectric transformers, no unnecessary resonant points occur in the vicinity of a frequency used, that is, the output is stable for the frequency. For this purpose, the primary electrodes (1b, 2a) of a pair of piezoelectric transformers (1, 2) that exhibit potentials of mutually different signs on their respective secondary sides are connected to each other, while the piezoelectric transformers (1, 2) are connected in series with an AC power supply. An input voltage is applied between the primary electrodes (1a, 2b), and the outputs are supplied to a load, whereby even if there exists a variation between the vibrations of the piezoelectric transformers, it results in only a single resonant point existing.